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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

5,550,900

Application Number 10/673,949

Filing Date September 29, 2003

First Named Inventor Edward Michael Silver

Group Art Unit 2643

(use as many sheets as necessary)
Sheet 1 of 2

Examiner Name Unassigned
Attorney Docket Number BS030552

8-27-1998

U.S. PATENT DOCUMENTS U.S. Pateni Dogument Name of Patentee or Applicant of Cited Document Date of Publication of Pages, Columna, Lines, Where Relevant Kind Code³ Cited Doore Passages or Relev Figures Appear in tie's MM-DD-YYYY (If known) /MR/ 4,268,098 Novak 5-5-1981 4,277,849 Sheinbein 7-7-1981 4,468,541 Cohen 8-28-1984 4.791.684 Lutz et al. 12-13-1988 4,802,202 Takahashi et al 1-31-1989 4,817,133 Tekahashi et al. 3-28-1989 4,845,743 Lutz 7-4-1989 4,650,013 Rase 7-18-1989 5.029,188 Morganstein 7-2-1991 Morganstein 5,109,405 4-28-1992 6.157.712 Wallen, Jr. 10-20-1992 5,161,181 Zwick 11-3-1992 5,200,994 Sasano et al. 4-8-1993 5,341,411 Hashimoto 8-23-1994 5,347,574 Morganateln D-13-1994 5,351,289 9-27-1994 Logsdon et al. 5,361,295 Solomon et al. 11-1-1994 5,388,150 Schnever et al. 2-7-1995 6,425,092 Quirk 8-13-1995 5,448,785 Hind 8-29-1995 5,452,346 Miyamoto 9-19-1995 5,467,388 Redd, Jr. et al. 11-14-1995 5,490,205 Kondo et el. 2-8-1998 5,497,414 **Bartholomew** 3-5-1996 5,533,108 Blumbank 7-2-1996 5,535,265 Suwandheputra 7-9-1998 5.548,447 Skarbo et al. 8-13-1998 5.548.451 Shen 8-13-1998

Examiner Signature	/Melur Ramakrishnaiah/	Date Considered	04/13/2007

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18154	OD44 A T.	AN 816		Application Number	10/673,949	
			CLOSURE	Filing Date	September 29, 2003	
STA	TEMEN	T BY A	PPLICANT	First Named Inventor	Edward Michael Silver	
				Group Art Unit	2643	
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Sheet	2	of	2	Attorney Docket Number	BS030552	

U.S. PATENT DOCUMENTS							
Examiner initials	Cite No.	U.S. Petent Document	Name of Patentae or Applicant of Chad Document	Date of Publication of Clad Document MM-DD-YYYY	Pages, Columns, Lines, Where Rafeven Passegos or Relevant Figures Appear		
/MR/		5 663,935	Small	10-8-1996			
		5,602,908	Fan	2-11,1997			
		5,636,269	Elsdorfer	6-3-1997			
		5,737,400	Bagchi et et.	4-7-1998			
		5,704,748	Rosenthal et al.	6-0-1998			
	•	5,812,648	Wanner	9-22-1998			
		5,999,207	Rodriguez et al.	12-7-1999			
		6,002,783	Lester et el.	12-14-1999			
		6,058,171	Hoopes	5-2-2000			
		6,219,409B1	Smith et al.	4-17-2001			
		6,298, 12281	Horne	10-2-2001			
		6,400,814B1	Adams	6-4-2002			
		6,442,249B1	Miller, Jr.	5-27-2002			
		6,496,589B1	Pelletier et al.	12-17-2002			
		0,498,84182	Bull et al.	12-24-2002			
ΔZ		10/873,849	Edward Michael Silver	09-29-2003			
V		10/873,948	Edward Michael Silver	09-29-2003			

		Foreign Patent Document			NAME of Palentage		Pages, Columns, Lines,	
Examiner Initials	Cite No.1	Office ³	Number ⁴	Kind Code ⁶ (#known)	or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevent Passages or Relevant Figures Appear	T _e
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Substitute for form 1449APTO				Complete If Known		
		•		Application Number	10/673,949	
INFO	RMATION	DIS	CLOSURE	Filing Oate	September 29, 2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Edward Michael Silver	
				Group Art Unit	2643	
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Sheet	1	of	1	Attorney Docket Number	BS030552	

				U.S. PATENT DOCUM	MENTS	
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Examiner initials *	Cite No.1	Number (if lose	Code ² own)	Name of Palentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	
/MR/		5,604,797	:	Adcock, Stanley J.	02/1997	
/MR/		5,467,388		Redd et al.	11/1995	
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